

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101022AL\
 Data File : FC061740.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2022 15:13
 Operator : YP/AJ
 Sample : N5028-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2022
 Supervised By :Ankita Jodhani 10/11/2022

Integration File: autoint1.e
 Quant Time: Oct 11 05:10:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.024	5733908	41.973 ug/mlm
Spiked Amount 50.000		Recovery =	83.95%
Target Compounds			
1) T n-Nonane (C9)	3.342	3724900	24.954 ug/ml
2) T n-Decane (C10)	4.411	5049250	33.474 ug/ml
4) T n-Dodecane (C12)	6.432	6181120	40.649 ug/mlm
6) T n-Tetradecane (C14)	8.233	7355406	48.245 ug/mlm
7) T n-Hexadecane (C16)	9.833	7143996	46.201 ug/mlm
8) T n-Octadecane (C18)	11.274	7705444	48.879 ug/mlm
10) T n-Eicosane (C20)	12.583	7076808	44.409 ug/mlm
11) T n-Heneicosane (C21)	13.193	6446769	40.182 ug/mlm
13) T n-Docosane (C22)	13.778	6443960	40.109 ug/mlm
14) T n-Tetracosane (C24)	14.879	6162860	38.472 ug/ml
15) T n-Hexacosane (C26)	15.900	6037021	38.082 ug/ml
16) T n-Octacosane (C28)	16.849	5690925	36.716 ug/ml
17) T n-Tricontane (C30)	17.736	5394483	35.054 ug/ml
18) T n-Dotriacontane (C32)	18.568	5096381	33.705 ug/ml
19) T n-Tetratriacontane (C34)	19.351	4834730	34.098 ug/ml
20) T n-Hexatriacontane (C36)	20.091	4385173	31.764 ug/ml
21) T n-Octatriacontane (C38)	20.828	4180553	32.281 ug/ml
22) T n-Tetracontane (C40)	21.740	4052565	33.162 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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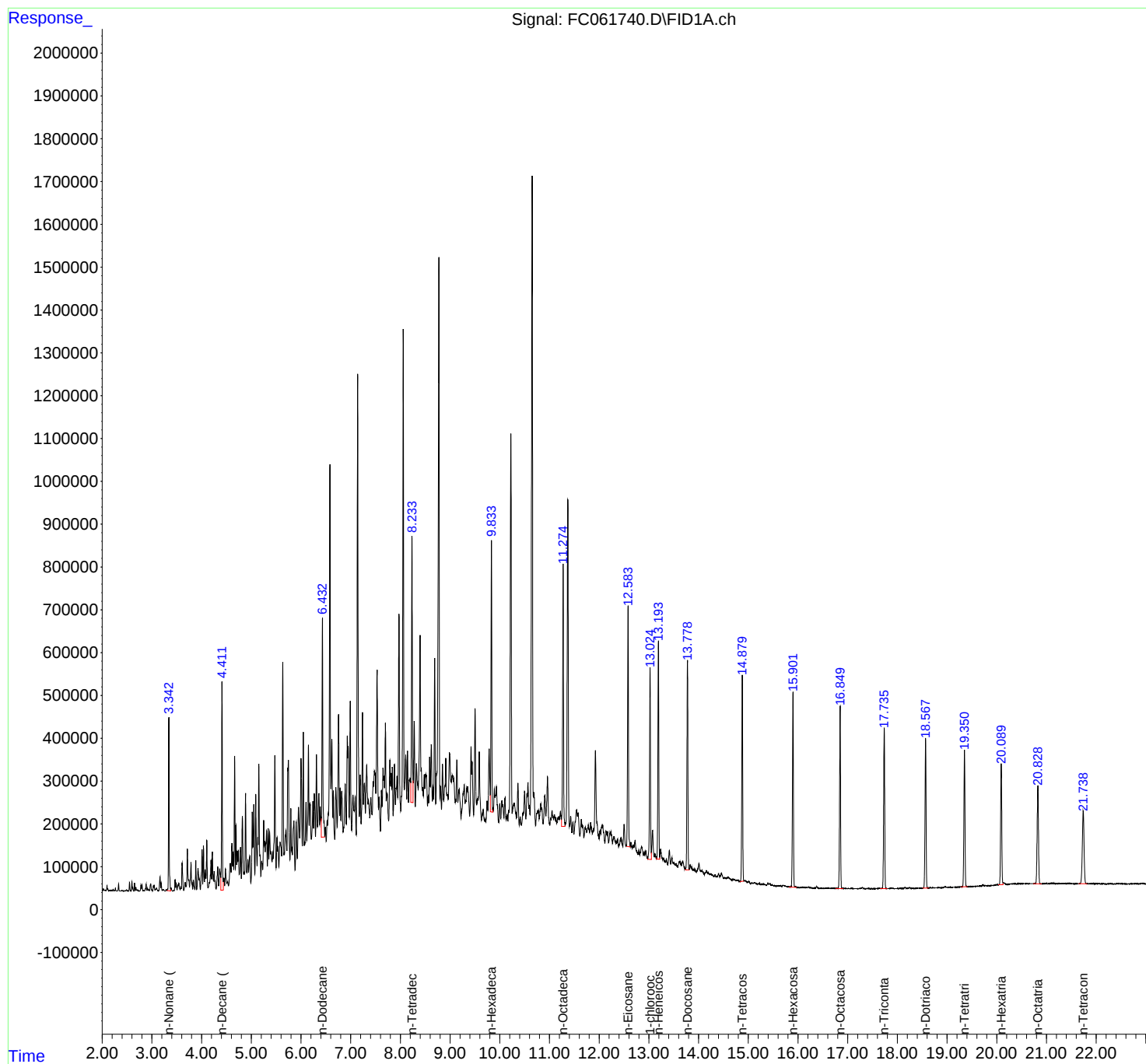
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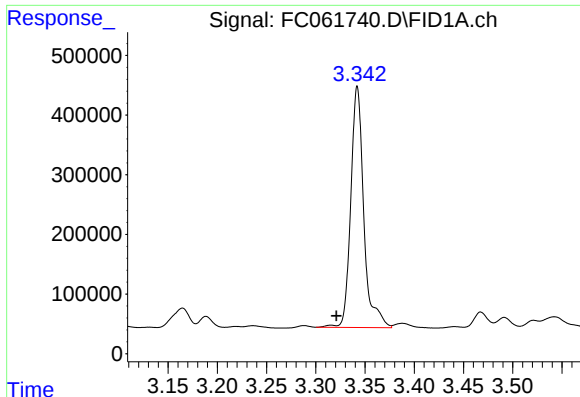
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.342 min
Delta R.T.: 0.021 min
Response: 3724900
Conc: 24.95 ug/ml

Instrument :

FID_C

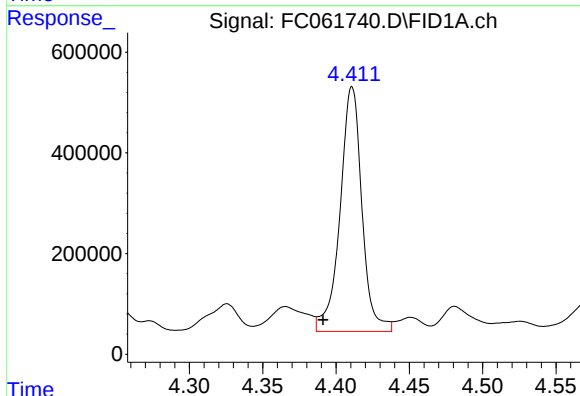
ClientSampleId :

WASTEMSD

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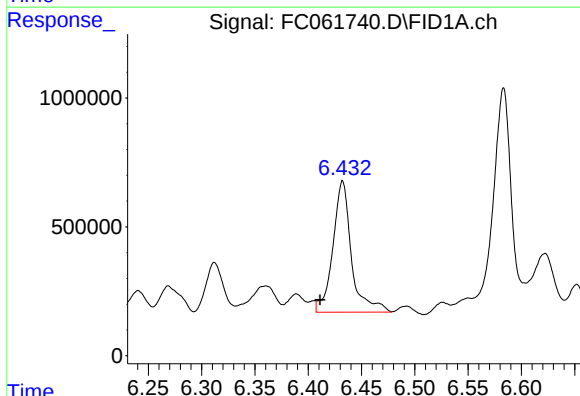
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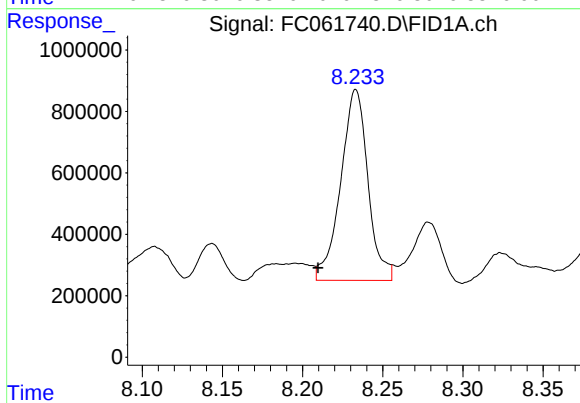
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: 0.020 min
Response: 5049250
Conc: 33.47 ug/ml



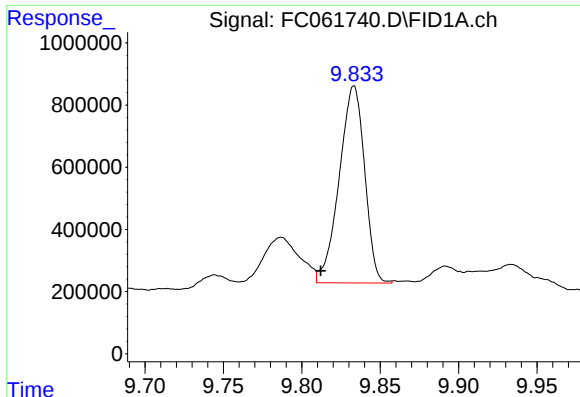
#4 n-Dodecane (C12)

R.T.: 6.432 min
Delta R.T.: 0.021 min
Response: 6181120
Conc: 40.65 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: 0.023 min
Response: 7355406
Conc: 48.25 ug/ml m



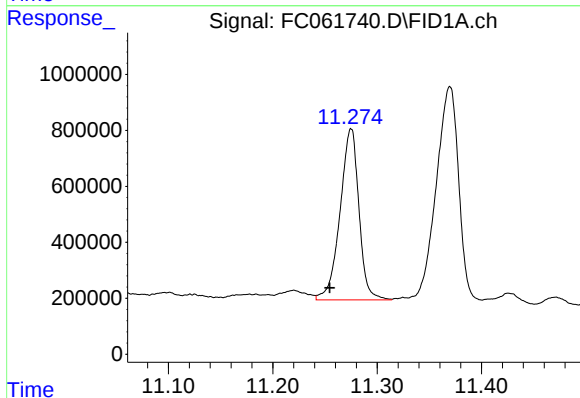
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: 0.021 min
Response: 7143996
Conc: 46.20 ug/ml

Instrument :
FID_C
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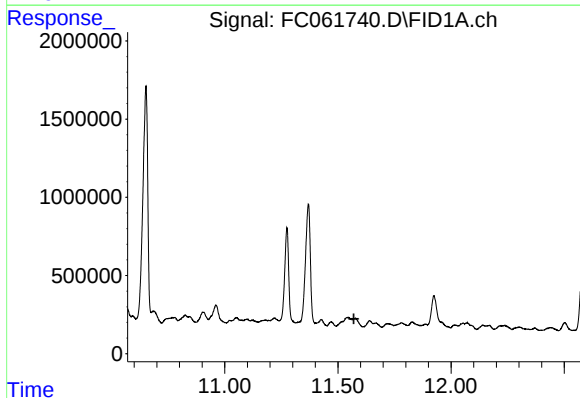
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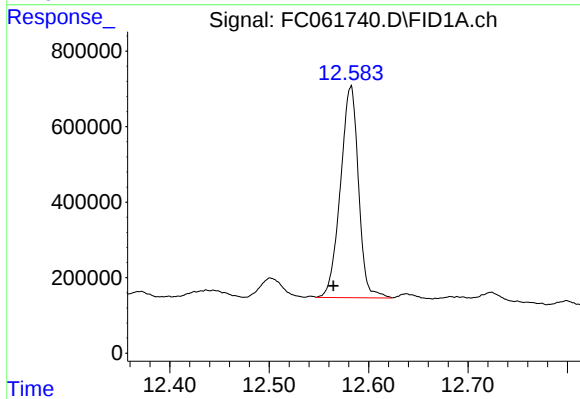
#8 n-Octadecane (C18)

R.T.: 11.274 min
Delta R.T.: 0.020 min
Response: 7705444
Conc: 48.88 ug/ml m



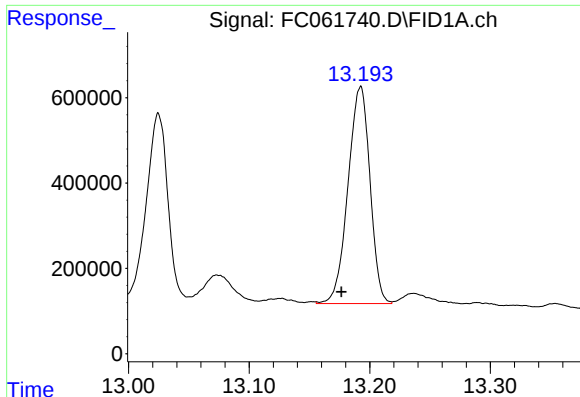
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.571 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: 0.018 min
Response: 7076808
Conc: 44.41 ug/ml m



#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: 0.016 min
Response: 6446769
Conc: 40.18 ug/ml

Instrument :

FID_C

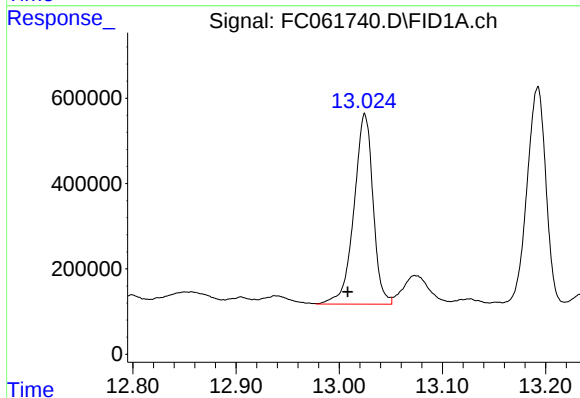
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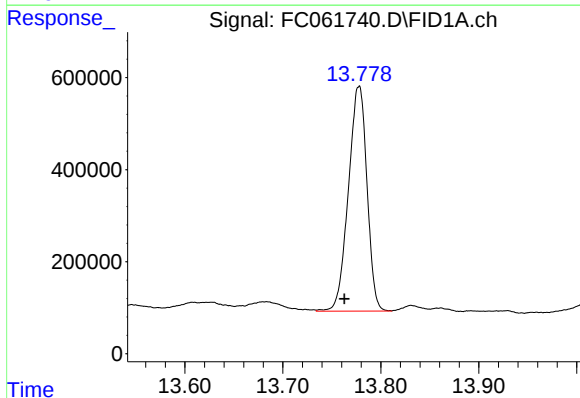
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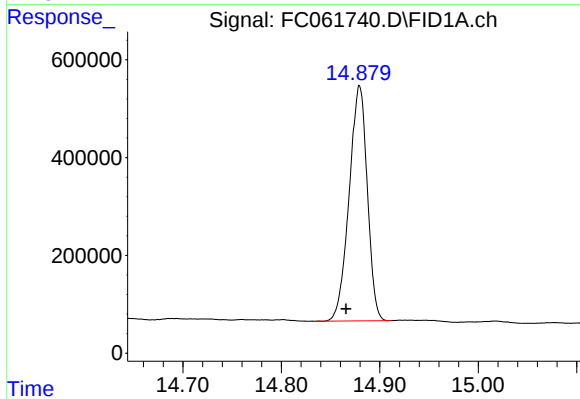
#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min
Delta R.T.: 0.016 min
Response: 5733908
Conc: 41.97 ug/ml m



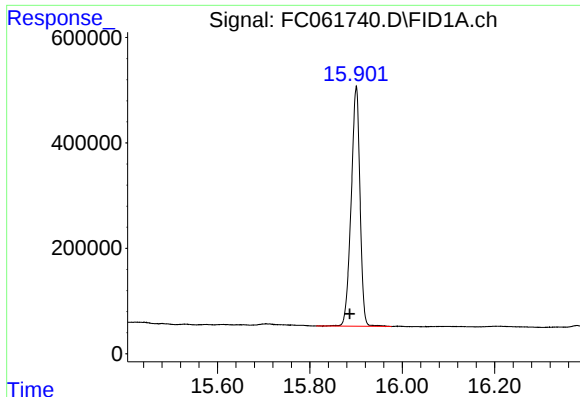
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: 0.015 min
Response: 6443960
Conc: 40.11 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: 0.014 min
Response: 6162860
Conc: 38.47 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: 0.013 min
Response: 6037021
Conc: 38.08 ug/ml

Instrument :

FID_C

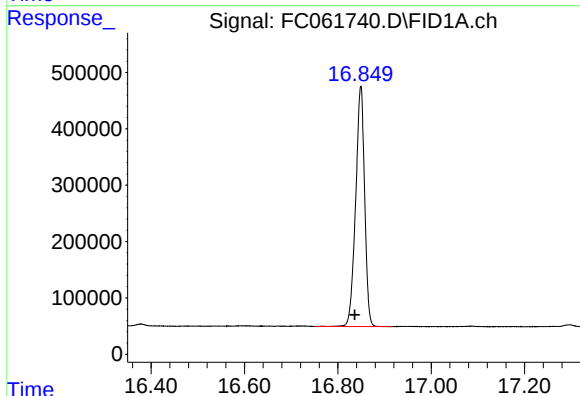
ClientSampleId :

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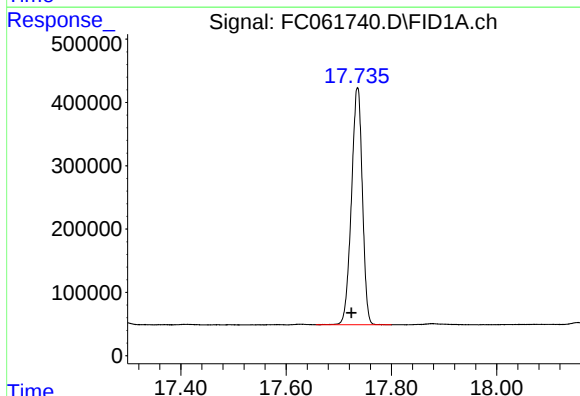
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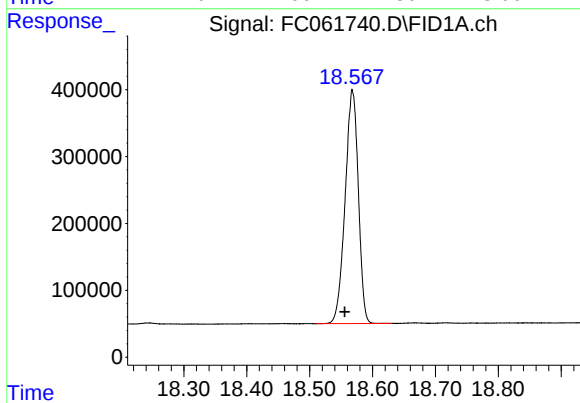
#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: 0.013 min
Response: 5690925
Conc: 36.72 ug/ml



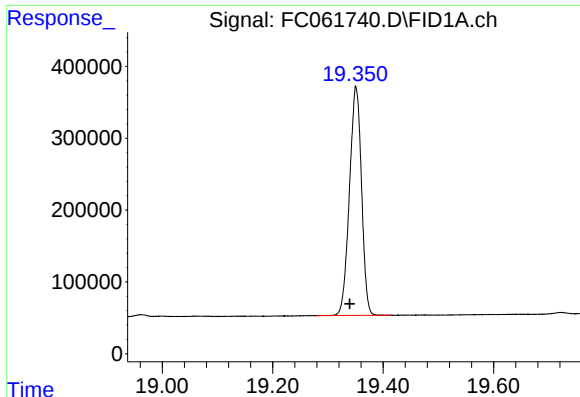
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: 0.011 min
Response: 5394483
Conc: 35.05 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: 0.012 min
Response: 5096381
Conc: 33.71 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: 0.011 min
Response: 4834730
Conc: 34.10 ug/ml

Instrument :

FID_C

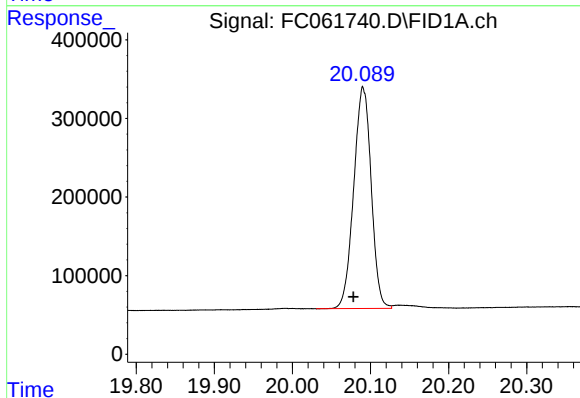
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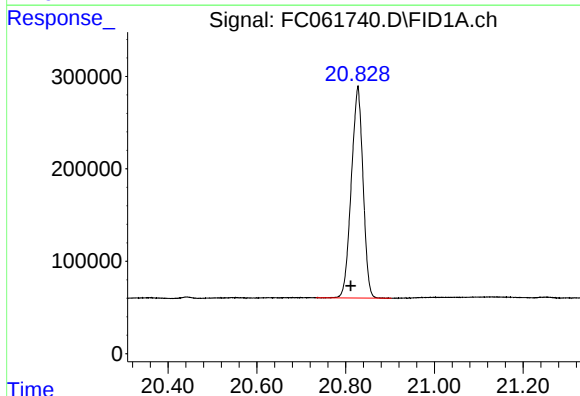
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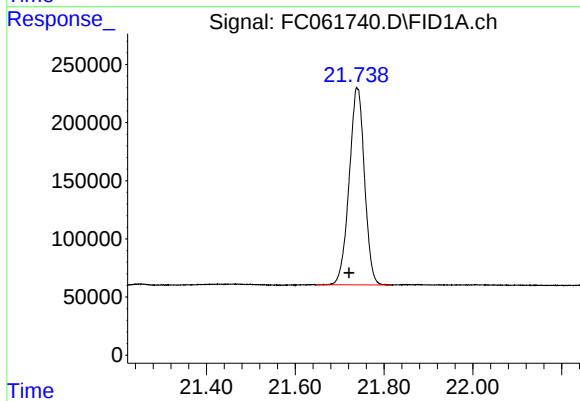
#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: 0.012 min
Response: 4385173
Conc: 31.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.828 min
Delta R.T.: 0.016 min
Response: 4180553
Conc: 32.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: 0.018 min
Response: 4052565
Conc: 33.16 ug/ml